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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/637,175
	Filing Date	08/08/2003
	First Named Inventor	Kent
	Art Unit	3672
	Examiner Name	
Total Number of Pages in This Submission	4 + IDS Refs.	Attorney Docket Number FMCE-P035A

ENCLOSURES (Check all that apply)		
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Henry C. Query, Jr.
Signature	
Date	01/07/2004

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In the United States Patent and Trademark Office

Application No.: 10/637,175)
Filing Date: 08/08/2003) Group Art Unit: 3672
First Named Inventor: Kent) Examiner Name:
Attorney Docket No.: FMCE-P035A)

Henry C. Query, Jr.
504 S. Pierce Avenue
Wheaton, Illinois 60187

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Information Disclosure Statement

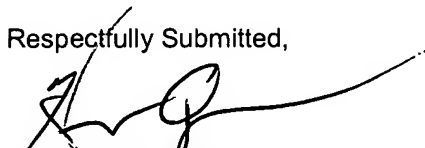
In accordance with 37 CFR 1.97 and 1.98, enclosed are a form PTO 1449 and a copy of each of the references listed thereon (except those references which were previously submitted in parent U.S. Patent Application No. 09/815,430).

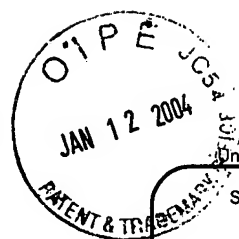
- ☒ Pursuant to 37 CFR 1.97(b), this Information Disclosure Statement is being filed:
- ☐ within three months of the filing date of the above-referenced application; or
 - ☐ within three months of the date of entry of the national stage as set forth in 37 CFR 1.491; or
 - ☒ before the mailing of a first Office Action on the merits; or
 - ☐ before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.
- ☐ Pursuant to 37 CFR 1.97 (c), this Information Disclosure Statement is being filed before the mailing date of a final action under 37 CFR 1.113, a notice of allowance under 37 CFR 1.311 or an action that otherwise closes prosecution in the application, and:
- ☐ the fee set forth in 37 CFR 1.17(p) is enclosed herewith; or
 - ☐ one of the statements in the Certification below applies.
- ☐ Pursuant to 37 CFR 1.97 (d), this Information Disclosure Statement is being filed before the payment of the issue fee in this application and:
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Certification

- ☐ The undersigned certifies that each item of information contained herein was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the date hereof.
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Respectfully Submitted,


Henry C. Query, Jr.
Reg. No. 35,650
(630) 260-8093



PTO/SB/08A (02-03)

Approved for use through 04/30/2003. OMB 0651-0031

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Application Number	10/637,175
Filing Date	08/08/2003
First Named Inventor	Kent
Art Unit	3672
Examiner Name	
Attorney Docket Number	FMCE-P035A

Sheet 1 of 2

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 2003/0089501 A1	05/15/2003	Hartmann	
		US- 6,082,460	07/04/2000	June	
		US- 6,039,119	03/21/2000	Hopper et al.	
		US- 5,992,527	11/30/1999	Garnham et al.	
		US- 5,971,077	10/26/1999	Lilley	
		US- 5,544,707	08/13/1996	Hopper et al.	
		US- 5,503,230	04/02/1996	Osborne et al.	
		US- 5,143,158	09/01/1992	Watkins et al.	
		US- 4,958,686	09/25/1990	Putch	
		US- 4,848,457	07/18/1989	Lilley	
		US- 4,651,831	03/24/1987	Baugh	
		US- 4,405,016	09/20/1983	Best	
		US- 6,053,252	04/25/2000	Edwards	
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		US- 6,227,301 B1	05/08/2001	Edwards et al.	
		US- 6,076,605	06/20/2000	Lilley et al.	

FOREIGN PATENT DOCUMENTS

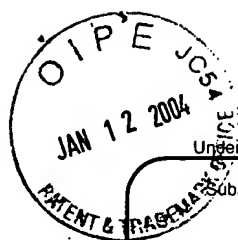
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)				
		WO 01/55550 A1	08/02/2001	Kvaerner Oilfield		
		WO 00/47864 A1	08/17/2000	FMC Corp.		
		WO 99/18329 A1	04/15/1999	FMC Corp.		
		WO 97/04211 A1	02/06/1997	Expro North Sea Ltd.		
		EP 0 845 577 A1	06/03/1998	Cooper Cameron		
		GB 2 321 658 A	08/05/1998	ABB Vetco Gray		

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		Number-Kind Code ² (if known)			
		US- 6,050,339	04/18/2000	Milberger	
		US- 2001/0042618 A1	11/22/2001	Cunningham et al.	
		US- 2001/0011593 A1	08/09/2001	Wilkins	
		US- 6,015,013	01/18/2000	Edwards et al.	
		US- 3,207,221	09/21/1995	Cochran et al.	
		US- 3,409,084	11/05/1968	Lawson, Jr. et al.	
		US- 6,302,212 B1	10/16/2001	Nobileau	
		US- 6,227,300	05/08/2001	Cunningham et al.	
		US- 4,461,354	07/24/1984	Buras et al.	
		US- 6,367,551	04/09/2002	Fenton	
		US- 5,884,706	03/23/1999	Edwards	
		US- 5,996,697	12/07/1999	Vick et al.	
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FOREIGN PATENT DOCUMENTS

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		GB 2 320 937 A	07/08/1998	ABB Vetco Gray		
		GB 2 319 544 A	05/27/1998	ABB Vetco Gray		
		GB 2 166 775 A	05/14/1986	ABB Vetco Gray		

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